Cancers 2021, 13 S1 of S4

## Supplementary Materials: Increased Hospitalization and Mortality from COVID-19 in Prostate Cancer Patients

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**Table S1.** Baseline characteristics of COVID-19 – ve and COVID-19 + ve prostate cancer patients.

Median Age [IQR]:         71 (64,78)         73 (67,79)         0.0055           Race/Ethnicity:         40,0001           African American         1054 (26.64%)         64 (28.07%)           White         1697 (42.90%)         64 (28.07%)           Asian         77 (1.95%)         7 (3.07%)           Hispanic         76 (19.24%)         70 (30.70%)           Others         285 (7.20%)         20 (8.77%)           Unknown         82 (2.07%)         3 (1.32%)           Smoking:         0.3195           Current         314 (7.94%)         13 (5.70%)           Never         1769 (4472%)         106 (46.49%)           Noit Asked         33 (0.83%)         0           Quit         1840 (46.51%)         109 (47.81%)           HTN:         106 (46.49%)         0.2153           No         1867 (47.19%)         98 (42.98%)         0.2153           No         1867 (47.19%)         98 (42.98%)         0.2153           No         3151 (79.65%)         159 (69.74%)         0.0003           Yes         2089 (52.81%)         159 (69.74%)         0.0003           No         3755 (94.92%)         159 (69.74%)         0.8638           No	Covariates	COVID-19 – ve ( $n = 3956$ )	COVID-19 + ve $(n = 228)$	<i>p</i> -Value
Race/Ethnicity:				
African American       1054 (26.64%)       64 (28.07%)         White       1697 (42.90%)       64 (28.07%)         Asian       77 (1.95%)       7 (30.70%)         Hispanic       761 (19.24%)       70 (30.70%)         Others       285 (7.20%)       20 (8.77%)         Unknown       82 (2.07%)       3 (1.32%)         Smoking:       0.3195         Current       314 (7.94%)       13 (5.70%)         Never       1769 (4472%)       106 (46.49%)         Not Asked       33 (0.83%)       0         Quit       1840 (46.51%)       109 (47.81%)         HTN:       0.2153         No       1867 (47.19%)       98 (42.98%)         Yes       2089 (52.81%)       130 (57.02%)         Diabetes:       0.0003         No       3151 (79.65%)       159 (69.74%)         Yes       805 (20.33%)       69 (30.26%)         Asthma       0.8638         No       3755 (94.92%)       217 (95.18%)         Yes       201 (5.08%)       11 (4.82%)         COPD       0.1024         No       3744 (94.64%)       210 (92.11%)         Yes       212 (5.56%)       18 (7.89%)	<u> </u>	71 (64, 78)	73 (67, 79)	
White         1697 (42.90%)         64 (28.07%)           Asian         77 (1,95%)         7 (3.07%)           Hispanic         761 (19.2%)         70 (30.70%)           Others         285 (7.20%)         20 (8.7%)           Unknown         82 (2.07%)         3 (1.32%)           Smoking:         0.3195           Current         314 (7.94%)         13 (5.70%)           Never         1769 (4472%)         106 (46.49%)           Not Asked         33 (0.83%)         0           Quit         1840 (46.51%)         109 (47.81%)           HTN:         0.2153           No         1867 (47.19%)         98 (42.98%)           Yes         2089 (52.81%)         130 (57.02%)           Diabetes:         0.0003           No         3151 (79.65%)         159 (69.74%)           Yes         805 (20.35%)         69 (30.26%)           Asthma         0.8638           No         3755 (94.92%)         217 (95.18%)           Yes         201 (5.08%)         11 (4.82%)           COPD         0.1024           No         3754 (94.64%)         210 (92.11%)           Yes         212 (5.36%)         18 (7.89%)				<0.0001
Asian       77 (1.95%)       7 (3.07%)         Hispanic       761 (19.24%)       70 (30.70%)         Others       285 (7.20%)       20 (8.77%)         Unknown       82 (2.07%)       3 (1.32%)         Smoking:       0.3195         Current       314 (7.94%)       13 (5.70%)         Never       1769 (4472%)       106 (46.49%)         Not Asked       33 (0.83%)       0         Quit       1840 (46.51%)       109 (47.81%)         HTN:       0.2153         No       1867 (47.19%)       98 (42.98%)         Yes       2089 (52.81%)       130 (67.02%)         Diabetes:       0.0003         No       3151 (79.65%)       159 (69.74%)         Yes       805 (20.35%)       69 (30.26%)         Asthma       0.8638         No       3755 (94.92%)       217 (95.18%)         Yes       201 (5.08%)       11 (4.82%)         OCPD       1 (4.82%)       1 (4.82%)         Yes       212 (5.36%)       18 (7.89%)       1 (2.11%)         Yes       212 (5.36%)       18 (7.89%)       1 (2.11%)         Yes       212 (5.36%)       1 (0.44%)       1 (0.1526         No		, ,	, ,	
Hispanic         761 (19.24%)         70 (30.70%)           Others         285 (7.20%)         20 (8.77%)           Unknown         82 (2.07%)         3 (1.32%)           Smoking:         0.3195           Current         314 (7.94%)         13 (5.70%)           Never         1769 (4472%)         106 (46.49%)           Not Asked         33 (0.83%)         0           Quit         1840 (46.51%)         109 (47.81%)           HTN:         0.2153           No         1867 (47.19%)         98 (42.98%)           Yes         2089 (52.81%)         130 (57.02%)           Diabetes:         0.0003           No         3151 (79.65%)         159 (69.74%)           Yes         805 (20.35%)         69 (30.26%)           Asthma         0.8638           No         3755 (94.92%)         217 (95.18%)           Yes         201 (5.08%)         11 (4.82%)           COPD         0.1024           No         3744 (94.64%)         210 (92.11%)           Yes         212 (5.36%)         18 (7.89%)           Crohn's Disease         1         1           No         3938 (99.54%)         227 (99.56%)         1      <	White	1697 (42.90%)	64 (28.07%)	
Others         285 (7.20%)         20 (8.77%)           Unknown         82 (2.07%)         3 (1.32%)           Smoking:         0.3195           Current         314 (7.94%)         13 (5.70%)           Never         1769 (4472%)         106 (46.49%)           Not Asked         33 (0.83%)         0           Quit         1840 (46.51%)         109 (47.81%)           HTN:         0.2153           No         1867 (47.19%)         98 (42.98%)           Yes         2089 (52.81%)         130 (57.02%)           Diabetes:         0.0003           No         3151 (79.65%)         159 (69.74%)           Yes         805 (20.35%)         69 (30.26%)           Asthma         0.8638           No         3755 (94.92%)         217 (95.18%)           Yes         201 (5.08%)         11 (4.82%)           OCPD         0.1024           No         3744 (94.64%)         210 (92.11%)           Yes         212 (5.36%)         18 (7.89%)           Tenh's Disease         1         1           No         3938 (99.54%)         227 (99.56%)           Yes         18 (0.46%)         1 (0.44%)           Ulcerative_co	Asian	77 (1.95%)	7 (3.07%)	
Unknown         82 (2.07%)         3 (1.32%)           Smoking:         0.3195           Current         314 (7.94%)         13 (5.70%)           Never         1769 (4472%)         106 (46.49%)           Not Asked         33 (0.83%)         0           Quit         1840 (46.51%)         109 (47.81%)           HTN:         0.2153           No         1867 (47.19%)         98 (42.98%)           Yes         2089 (52.81%)         130 (57.02%)           Diabetes:         0.0003           No         3151 (79.65%)         159 (69.74%)           Yes         805 (20.35%)         69 (30.26%)           Asthma         0.8638           No         3755 (94.92%)         217 (95.18%)           Yes         201 (5.08%)         11 (482%)           COPD         0.1024           No         3744 (94.64%)         210 (92.11%)           Yes         212 (5.36%)         18 (7.89%)           Tomory S Disease         1         1           No         3938 (99.54%)         227 (99.56%)           Yes         18 (0.46%)         1 (0.44%)           Ulcerative_colitis         0.1526           No         3934 (99.44%)	Hispanic	761 (19.24%)	70 (30.70%)	
Smoking:         0.3195           Current         314 (7.94%)         13 (5.70%)           Never         1769 (4472%)         106 (46.49%)           Not Asked         33 (0.83%)         0           Quit         1840 (46.51%)         109 (47.81%)           HTN:         0.2153           No         1867 (47.19%)         98 (42.98%)           Yes         2089 (52.81%)         130 (57.02%)           Diabetes:         0.0003           No         3151 (79.65%)         159 (69.74%)           Yes         805 (20.35%)         69 (30.26%)           Asthma         0.8638           No         3755 (94.92%)         217 (95.18%)           Yes         201 (5.08%)         11 (4.82%)           COPD         0.1024           No         3744 (94.64%)         210 (92.11%)           Yes         212 (5.36%)         18 (7.89%)           Crohn's Disease         1           No         3938 (99.54%)         227 (99.56%)           Yes         18 (0.46%)         1 (0.44%)           Ulcerative_colitis         0.01526           No         3934 (99.44%)         225 (98.68%)           Yes         22 (0.56%)         3	Others	285 (7.20%)	20 (8.77%)	
Current         314 (7.94%)         13 (5.70%)           Never         1769 (4472%)         106 (46.49%)           Not Asked         33 (0.83%)         0           Quit         1840 (46.51%)         109 (47.81%)           HTN:	Unknown	82 (2.07%)	3 (1.32%)	
Never         1769 (4472%)         106 (46.49%)           Not Asked         33 (0.83%)         0           Quit         1840 (46.51%)         109 (47.81%)           HTN:         0.2153           No         1867 (47.19%)         98 (42.98%)           Yes         2089 (52.81%)         130 (57.02%)           Diabetes:         0.0003           No         3151 (79.65%)         159 (69.74%)           Yes         805 (20.35%)         69 (30.26%)           Asthma         0.8638           No         3755 (94.92%)         217 (95.18%)           Yes         201 (5.08%)         11 (4.82%)           COPD         0.1024           No         3744 (94.64%)         210 (92.11%)           Yes         212 (5.36%)         18 (7.89%)           Crohn's Disease         1           No         3938 (99.54%)         227 (99.56%)           Yes         18 (0.46%)         10.44%)           Ulcerative_colitis         0.1526           No         3934 (99.44%)         225 (98.68%)           Yes         22 (0.56%)         3 (1.32%)           Obesity         0.0012           No         3705 (93.66%)         201 (88.1	Smoking:			0.3195
Not Asked       33 (0.83%)       0         Quit       1840 (46.51%)       109 (47.81%)         HTN:       0.2153         No       1867 (47.19%)       98 (42.98%)         Yes       2089 (52.81%)       130 (57.02%)         Diabetes:       0.0003         No       3151 (79.65%)       159 (69.74%)         Yes       805 (20.35%)       69 (30.26%)         Asthma       0.8638         No       3755 (94.92%)       217 (95.18%)         Yes       201 (5.08%)       11 (4.82%)         COPD       0.1024         No       3744 (94.64%)       210 (92.11%)         Yes       212 (5.36%)       18 (7.89%)         Crohn's Disease       1       1         No       3938 (99.54%)       227 (99.56%)         Yes       18 (0.46%)       10.44%)         Ulcerative_colitis       0.1526         No       3934 (99.44%)       225 (98.68%)         Yes       22 (0.56%)       3 (1.32%)         Obesity       0.0012         No       3705 (93.66%)       201 (88.16%)         Yes       25 (6.34%)       27 (11.84%)         Coronary Artery Disease       0.6439    <	Current	314 (7.94%)	13 (5.70%)	
Quit       1840 (46.51%)       109 (47.81%)         HTN:       0.2153         No       1867 (47.19%)       98 (42.98%)         Yes       2089 (52.81%)       130 (57.02%)         Diabetes:       0.0003         No       3151 (79.65%)       159 (69.74%)         Yes       805 (20.35%)       69 (30.26%)         Asthma       0.8638         No       3755 (94.92%)       217 (95.18%)         Yes       201 (5.08%)       11 (4.82%)         COPD       0.1024         No       3744 (94.64%)       210 (92.11%)         Yes       212 (5.36%)       18 (7.89%)       1         Crohn's Disease       1       1         No       3938 (99.54%)       227 (99.56%)       1         Yes       18 (0.46%)       1 (0.44%)       1         Ulcerative_colitis       0.1526       0.1526         No       3934 (99.44%)       225 (98.68%)       0         Yes       22 (0.56%)       3 (1.32%)       0         Obesity       0.0012       0.0012         No       3705 (93.66%)       201 (88.16%)       0         Yes       251 (6.34%)       27 (11.84%)         Co	Never	1769 (4472%)	106 (46.49%)	
HTN:       0.2153         No       1867 (47.19%)       98 (42.98%)         Yes       2089 (52.81%)       130 (57.02%)         Diabetes:       0.0003         No       3151 (79.65%)       159 (69.74%)         Yes       805 (20.35%)       69 (30.26%)         Asthma       0.8638         No       3755 (94.92%)       217 (95.18%)         Yes       201 (5.08%)       11 (4.82%)         COPD       0.1024         No       3744 (94.64%)       210 (92.11%)         Yes       212 (5.36%)       18 (7.89%)         Tes       212 (5.36%)       18 (7.89%)         Yes       212 (9.56%)       10.1526         No       3938 (99.54%)       227 (99.56%)         Yes       18 (0.46%)       1 (0.44%)         Ulcerative_colitis       0.1526         No       3934 (99.44%)       225 (98.68%)         Yes       22 (0.56%)       3 (1.32%)         Obesity       0.0012         No       3705 (93.66%)       201 (88.16%)         Yes       251 (6.34%)       27 (11.84%)         Coronary Artery Disease       0.6439	Not Asked	33 (0.83%)	0	
No       1867 (47.19%)       98 (42.98%)         Yes       2089 (52.81%)       130 (57.02%)         Diabetes:       0.0003         No       3151 (79.65%)       159 (69.74%)         Yes       805 (20.35%)       69 (30.26%)         Asthma       0.8638         No       3755 (94.92%)       217 (95.18%)         Yes       201 (5.08%)       11 (4.82%)         COPD       0.1024         No       3744 (94.64%)       210 (92.11%)         Yes       212 (5.36%)       18 (7.89%)         Crohn's Disease       1         No       3938 (99.54%)       227 (99.56%)         Yes       18 (0.46%)       1 (0.44%)         Ulcerative_colitis       0.1526         No       3934 (99.44%)       225 (98.68%)         Yes       22 (0.56%)       3 (1.32%)         Obesity       0.0012         No       3705 (93.66%)       201 (88.16%)         Yes       251 (6.34%)       27 (11.84%)         Coronary Artery Disease       0.6439	Quit	1840 (46.51%)	109 (47.81%)	
Yes       2089 (52.81%)       130 (57.02%)         Diabetes:       0.0003         No       3151 (79.65%)       159 (69.74%)         Yes       805 (20.35%)       69 (30.26%)         Asthma       0.8638         No       3755 (94.92%)       217 (95.18%)         Yes       201 (5.08%)       11 (4.82%)         COPD       0.1024         No       3744 (94.64%)       210 (92.11%)         Yes       212 (5.36%)       18 (7.89%)         Crohn's Disease       1         No       3938 (99.54%)       227 (99.56%)         Yes       18 (0.46%)       1 (0.44%)         Ulcerative_colitis       0.1526         No       3934 (99.44%)       225 (98.68%)         Yes       22 (0.56%)       3 (1.32%)         Obesity       0.0012         No       3705 (93.66%)       201 (88.16%)         Yes       251 (6.34%)       27 (11.84%)         Coronary Artery Disease       0.6439         No       3037 (76.77%)       172 (75.44%)	HTN:			0.2153
Diabetes:         0.0003           No         3151 (79.65%)         159 (69.74%)           Yes         805 (20.35%)         69 (30.26%)           Asthma         0.8638           No         3755 (94.92%)         217 (95.18%)           Yes         201 (5.08%)         11 (4.82%)           COPD         0.1024           No         3744 (94.64%)         210 (92.11%)           Yes         212 (5.36%)         18 (7.89%)           Crohn's Disease         1           No         3938 (99.54%)         227 (99.56%)           Yes         18 (0.46%)         1 (0.44%)           Ulcerative_colitis         0.1526           No         3934 (99.44%)         225 (98.68%)           Yes         22 (0.56%)         3 (1.32%)           Obesity         0.0012           No         3705 (93.66%)         201 (88.16%)           Yes         251 (6.34%)         27 (11.84%)           Coronary Artery Disease         0.6439           No         3037 (76.77%)         172 (75.44%)	No	1867 (47.19%)	98 (42.98%)	
No       3151 (79.65%)       159 (69.74%)         Yes       805 (20.35%)       69 (30.26%)         Asthma       0.8638         No       3755 (94.92%)       217 (95.18%)         Yes       201 (5.08%)       11 (4.82%)         COPD       0.1024         No       3744 (94.64%)       210 (92.11%)         Yes       212 (5.36%)       18 (7.89%)         Crohn's Disease       1         No       3938 (99.54%)       227 (99.56%)         Yes       18 (0.46%)       1 (0.44%)         Ulcerative_colitis       0.1526         No       3934 (99.44%)       225 (98.68%)         Yes       22 (0.56%)       3 (1.32%)         Obesity       0.0012         No       3705 (93.66%)       201 (88.16%)         Yes       251 (6.34%)       27 (11.84%)         Coronary Artery Disease       0.6439         No       3037 (76.77%)       172 (75.44%)	Yes	2089 (52.81%)	130 (57.02%)	
Yes       805 (20.35%)       69 (30.26%)         Asthma       0.8638         No       3755 (94.92%)       217 (95.18%)         Yes       201 (5.08%)       11 (4.82%)         COPD       0.1024         No       3744 (94.64%)       210 (92.11%)         Yes       212 (5.36%)       18 (7.89%)         Crohn's Disease       1         No       3938 (99.54%)       227 (99.56%)         Yes       18 (0.46%)       1 (0.44%)         Ulcerative_colitis       0.1526         No       3934 (99.44%)       225 (98.68%)         Yes       22 (0.56%)       3 (1.32%)         Obesity       0.0012         No       3705 (93.66%)       201 (88.16%)         Yes       251 (6.34%)       27 (11.84%)         Coronary Artery Disease       0.6439         No       3037 (76.77%)       172 (75.44%)	Diabetes:			0.0003
Asthma       0.8638         No       3755 (94.92%)       217 (95.18%)         Yes       201 (5.08%)       11 (4.82%)         COPD       0.1024         No       3744 (94.64%)       210 (92.11%)         Yes       212 (5.36%)       18 (7.89%)         Crohn's Disease       1         No       3938 (99.54%)       227 (99.56%)         Yes       18 (0.46%)       1 (0.44%)         Ulcerative_colitis       0.1526         No       3934 (99.44%)       225 (98.68%)         Yes       22 (0.56%)       3 (1.32%)         Obesity       0.0012         No       3705 (93.66%)       201 (88.16%)         Yes       251 (6.34%)       27 (11.84%)         Coronary Artery Disease       0.6439         No       3037 (76.77%)       172 (75.44%)	No	3151 (79.65%)	159 (69.74%)	
No       3755 (94.92%)       217 (95.18%)         Yes       201 (5.08%)       11 (4.82%)         COPD       0.1024         No       3744 (94.64%)       210 (92.11%)         Yes       212 (5.36%)       18 (7.89%)         Crohn's Disease       1         No       3938 (99.54%)       227 (99.56%)         Yes       18 (0.46%)       1 (0.44%)         Ulcerative_colitis       0.1526         No       3934 (99.44%)       225 (98.68%)         Yes       22 (0.56%)       3 (1.32%)         Obesity       0.0012         No       3705 (93.66%)       201 (88.16%)         Yes       251 (6.34%)       27 (11.84%)         Coronary Artery Disease       0.6439         No       3037 (76.77%)       172 (75.44%)	Yes	805 (20.35%)	69 (30.26%)	
Yes       201 (5.08%)       11 (4.82%)         COPD       0.1024         No       3744 (94.64%)       210 (92.11%)         Yes       212 (5.36%)       18 (7.89%)         Crohn's Disease       1         No       3938 (99.54%)       227 (99.56%)         Yes       18 (0.46%)       1 (0.44%)         Ulcerative_colitis       0.1526         No       3934 (99.44%)       225 (98.68%)         Yes       22 (0.56%)       3 (1.32%)         Obesity       0.0012         No       3705 (93.66%)       201 (88.16%)         Yes       251 (6.34%)       27 (11.84%)         Coronary Artery Disease       0.6439         No       3037 (76.77%)       172 (75.44%)	Asthma			0.8638
COPD       0.1024         No       3744 (94.64%)       210 (92.11%)         Yes       212 (5.36%)       18 (7.89%)         Crohn's Disease       1         No       3938 (99.54%)       227 (99.56%)         Yes       18 (0.46%)       1 (0.44%)         Ulcerative_colitis       0.1526         No       3934 (99.44%)       225 (98.68%)         Yes       22 (0.56%)       3 (1.32%)         Obesity       0.0012         No       3705 (93.66%)       201 (88.16%)         Yes       251 (6.34%)       27 (11.84%)         Coronary Artery Disease       0.6439         No       3037 (76.77%)       172 (75.44%)	No	3755 (94.92%)	217 (95.18%)	
No       3744 (94.64%)       210 (92.11%)         Yes       212 (5.36%)       18 (7.89%)         Crohn's Disease       1         No       3938 (99.54%)       227 (99.56%)         Yes       18 (0.46%)       1 (0.44%)         Ulcerative_colitis       0.1526         No       3934 (99.44%)       225 (98.68%)         Yes       22 (0.56%)       3 (1.32%)         Obesity       0.0012         No       3705 (93.66%)       201 (88.16%)         Yes       251 (6.34%)       27 (11.84%)         Coronary Artery Disease       0.6439         No       3037 (76.77%)       172 (75.44%)	Yes	201 (5.08%)	11 (4.82%)	
Yes       212 (5.36%)       18 (7.89%)         Crohn's Disease       1         No       3938 (99.54%)       227 (99.56%)         Yes       18 (0.46%)       1 (0.44%)         Ulcerative_colitis       0.1526         No       3934 (99.44%)       225 (98.68%)         Yes       22 (0.56%)       3 (1.32%)         Obesity       0.0012         No       3705 (93.66%)       201 (88.16%)         Yes       251 (6.34%)       27 (11.84%)         Coronary Artery Disease       0.6439         No       3037 (76.77%)       172 (75.44%)	COPD			0.1024
Crohn's Disease       1         No       3938 (99.54%)       227 (99.56%)         Yes       18 (0.46%)       1 (0.44%)         Ulcerative_colitis       0.1526         No       3934 (99.44%)       225 (98.68%)         Yes       22 (0.56%)       3 (1.32%)         Obesity       0.0012         No       3705 (93.66%)       201 (88.16%)         Yes       251 (6.34%)       27 (11.84%)         Coronary Artery Disease       0.6439         No       3037 (76.77%)       172 (75.44%)	No	3744 (94.64%)	210 (92.11%)	
Crohn's Disease       1         No       3938 (99.54%)       227 (99.56%)         Yes       18 (0.46%)       1 (0.44%)         Ulcerative_colitis       0.1526         No       3934 (99.44%)       225 (98.68%)         Yes       22 (0.56%)       3 (1.32%)         Obesity       0.0012         No       3705 (93.66%)       201 (88.16%)         Yes       251 (6.34%)       27 (11.84%)         Coronary Artery Disease       0.6439         No       3037 (76.77%)       172 (75.44%)	Yes	212 (5.36%)	18 (7.89%)	
Yes     18 (0.46%)     1 (0.44%)       Ulcerative_colitis     0.1526       No     3934 (99.44%)     225 (98.68%)       Yes     22 (0.56%)     3 (1.32%)       Obesity     0.0012       No     3705 (93.66%)     201 (88.16%)       Yes     251 (6.34%)     27 (11.84%)       Coronary Artery Disease     0.6439       No     3037 (76.77%)     172 (75.44%)	Crohn's Disease	` ,	,	1
Ulcerative_colitis       0.1526         No       3934 (99.44%)       225 (98.68%)         Yes       22 (0.56%)       3 (1.32%)         Obesity       0.0012         No       3705 (93.66%)       201 (88.16%)         Yes       251 (6.34%)       27 (11.84%)         Coronary Artery Disease       0.6439         No       3037 (76.77%)       172 (75.44%)	No	3938 (99.54%)	227 (99.56%)	
No       3934 (99.44%)       225 (98.68%)         Yes       22 (0.56%)       3 (1.32%)         Obesity       0.0012         No       3705 (93.66%)       201 (88.16%)         Yes       251 (6.34%)       27 (11.84%)         Coronary Artery Disease       0.6439         No       3037 (76.77%)       172 (75.44%)	Yes	18 (0.46%)	1 (0.44%)	
Yes     22 (0.56%)     3 (1.32%)       Obesity     0.0012       No     3705 (93.66%)     201 (88.16%)       Yes     251 (6.34%)     27 (11.84%)       Coronary Artery Disease     0.6439       No     3037 (76.77%)     172 (75.44%)	Ulcerative_colitis	,	,	0.1526
Obesity       0.0012         No       3705 (93.66%)       201 (88.16%)         Yes       251 (6.34%)       27 (11.84%)         Coronary Artery Disease       0.6439         No       3037 (76.77%)       172 (75.44%)	No	3934 (99.44%)	225 (98.68%)	
Obesity         0.0012           No         3705 (93.66%)         201 (88.16%)           Yes         251 (6.34%)         27 (11.84%)           Coronary Artery Disease         0.6439           No         3037 (76.77%)         172 (75.44%)	Yes	22 (0.56%)	3 (1.32%)	
No       3705 (93.66%)       201 (88.16%)         Yes       251 (6.34%)       27 (11.84%)         Coronary Artery Disease       0.6439         No       3037 (76.77%)       172 (75.44%)		` '	` '	0.0012
Yes     251 (6.34%)     27 (11.84%)       Coronary Artery Disease     0.6439       No     3037 (76.77%)     172 (75.44%)	<b>√</b>	3705 (93.66%)	201 (88.16%)	
Coronary Artery Disease         0.6439           No         3037 (76.77%)         172 (75.44%)	Yes	, ,	· /	
No 3037 (76.77%) 172 (75.44%)	Coronary Artery Disease	, , ,	, , ,	0.6439
	, ,	3037 (76.77%)	172 (75.44%)	
		, ,	, ,	

**Table S2.** Baseline characteristics of COVID-19 – ve and COVID-19 + ve Genitourinary cancer patients.

Covariates	COVID-19 – ve $(n = 6320)$	COVID-19 + ve $(n = 350)$	p-Value
Median Age [IQR]:	69 (61, 77)	71 (63, 79)	0.0343

Cancers **2021**, 13

Race/Ethnicity:			0.0023
African American	458 (19.37%)	30 (24.59%)	
White	1149 (48.60%)	41 (33.61%)	
Asian	104 (4.40%)	3 (2.46%)	
Hispanic	468 (19.8%)	34 (27.87%)	
Others	148 (6.26%)	14 (11.48%)	
Unknown	37 (1.57%)	0	
Smoking:			0.0016
Current	309 (13.07%)	3 (2.46%)	
Never	856 (36.21%)	59 (48.36%)	
Not Asked	32 (1.35%)	2 (1.64%)	
Quit	1167 (49.37%)	58 (47.54%)	
HTN:			0.0381
No	1235 (52.24%)	52 (42.62%)	
Yes	1129 (47.76%)	70 (57.38%)	
Diabetes:			0.0073
No	1902 (80.46%)	86 (70.49%)	
Yes	462 (19.54%)	36 (29.51%)	
Asthma			0.0059
No	2234 (94.50%)	108 (88.52%)	
Yes	130 (5.50%)	14 (11.48%)	
COPD			0.8090
No	2203 (93.19%)	113 (92.62%)	
Yes	161 (6.81%)	9 (7.38%)	
Crohn's Disease			1
No	2351 (99.45%)	122 (100%)	
Yes	13 (0.55%)	0	
Ulcerative_colitis			1
No	2344 (99.15%)	121 (99.18%)	
Yes	20 (0.85%)	1 (0.82%)	
Obesity			< 0.0001
No	2197 (92.94%)	101 (82.79%)	
Yes	167 (7.06%)	21 (17.21%)	
Coronary Artery Disease			0.0005
No	1988 (84.09%)	88 (72.13%)	
Yes	376 (15.91%)	34 (27.87%)	

**Table S3.** Baseline Characteristics for hospitalization in COVID-19 positive Prostate. cancer patients.

Covariates	Hospitalization – ve $(n = 80)$	Hospitalization +ve $(n = 148)$	p-Value
Median Age [IQR]:	70 (64, 77)	74 (69, 82)	0.0016
Race/Ethnicity:			0.3125
African American	17 (21.25%)	47 (31.76%)	
White	26 (32.5%)	38 (25.68%)	
Asian	4 (5%)	3 (2.03%)	
Hispanic	27 (33.75%)	43 (29.05%)	
Others	5 (6.25%)	15 (10.14%)	
Unknown	1 (1.25%)	2 (1.35%)	
Smoking:			0.2923
Current	7 (8.75%)	6 (4.05%)	
Never	38 (47.5%)	68 (45.95%)	
Not Asked			
Quit	35 (43.75%)	74 (50%)	
HTN:			0.3110

Cancers **2021**, 13

No	38 (47.5%)	60 (40.54%)	
yes	42 (52.5%)	88 (59.46%)	
Diabetes:			0.0054
No	65 (81.25%)	94 (63.51%)	
Yes	15 (18.75%)	54 (36.49%)	
CAD:			0.1339
No	65 (81.25%)	107 (72.3%)	
Yes	15 (18.75%)	41 (27.7%)	
Crohns Disease			1
No	80 (100)	147 (99.32%)	
Yes	0	1 (0.68%)	
Ulcerative Colitis			1
No	79 (98.75%)	146 (98.65%)	
Yes	1 (1.25%)	2 (1.35%)	
ARDS			
No	80 (100%)	148 (100%)	
COPD:			0.2334
No	76 (95%)	134 (90.54%)	
Yes	4 (5%)	14 (9.46%)	
Obesity:			0.5268
No	72 (90%)	129 (87.16%)	
Yes	8 (10%)	19 (12.84%)	
Asthma:			0.2
No	74 (92.5%)	143 (96.62%)	
Yes	6 (7.5%)	5 (3.38%)	·

**Table S4.** Baseline Characteristics for mortality in COVID-19 positive Prostate cancer patients.

Covariates	Deceased –ve $(n = 180)$	Deceased + ve $(n = 48)$	<i>p</i> -Value
Median Age [IQR]:	71 (67, 79)	77.5 (73, 89)	0.0003
Race/Ethnicity:			0.0114
African American	F2 (20 000/)	12 (250/)	0.0114
	52 (28.89%)	12 (25%)	
White	44 (24.44%)	20 (41.67%)	
Asian	5 (2.78%)	2 (4.17%)	
Hispanic	63 (35%)	7 (14.58%)	
Others	15 (8.33%)	5 (10.42%)	
Unknown	1 (0.56%)	2 (4.17%)	
Smoking:			0.2687
Current	10 (5.56%)	3 (6.25%)	
Never	79 (43.89%)	27(56.25%)	
Not Asked	,	,	
Quit			
HTN:			0.5924
No	79 (43.89%)	19 (39.58%)	
yes	101 (56.11%)	29 (60.42%)	
Diabetes:	, ,	. ,	0.3717
No	123 (68.33%)	36 (75%)	
Yes	57 (31.67%)	12 (25%)	
CAD:	, , ,	,	0.2257
No	139 (77.22%)	33 (68.75%)	
Yes	41 (22.78%)	15 (31.25%)	
Crohns Disease			1
No	179 (99.44%)	48 (100%)	
Yes	1 (0.56%)	0	

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Ulcerative Colitis			1
No	177 (98.33%)	48 (100%)	
Yes	3 (1.67%)	0	
ARDS			
No	180 (100%)	48 (100%)	
COPD:			0.0043
No	171 (95%)	39 (81.25%)	
Yes	9 (5%)	9 (18.75%)	
Obesity:			0.3971
No	157 (87.22%)	44 (91.67%)	
Yes	23 (12.78%)	4 (8.33%)	
Asthma:			1
No	171 (95%)	46 (95.83%)	
Yes	9 (5%)	2 (4.17%)	

Table S5. Frequency distribution in COVID-19 positive Prostate vs solid tumor (male) patients.

Factors	Prostate Cancer	Solid Cancer (male)	<i>p</i> -Value	<b>Total COVID-19 positive</b>
Tactors	1 Tostate Cancer	Solid Calicel (male)	p-value	cases
Hospitalization	148 (64.91%)	317 (49.45%)	< 0.0001	7729
ICU	29 (12.71%)	74(11.54%)	< 0.0001	1684
Intubation	16 (7.01%)	53 (8.26%)	0.4511	1121
Death	48 (21.05%)	117 (18.25%)	0.00023	1990
Total	228	641		

**Table S6.** Incidence of COVID-19 by Race in prostate cancer patients compared to patients with solid cancer.

Factors	Prostate Cancer	Solid Cancer	P value
African American	64 (5.80%)	321 (3.90%)	0.003
White	64 (3.70%)	400 (2.82%)	0.0412
Asian	7 (8.33%)	73 (2.20%)	0.0033
Hispanic	70 (8.46%)	444 (5.37%)	0.0002
Others	20 (6.55%)	120 (4.56%)	0.1226
Unknown	3 (3.52%)	17 (3.31%)	1.00
Total	4133	37078	

**Table S7.** Adjusted Odds Ratio showing hospitalization rates in COVID-19 positive prostate cancer patients compared to breast cancer patients.

Factors	Odds Ratio (95% CI)	p-Value
Age	1.04 (1.03, 1.06)	<0.0001
Hospitalization		
Absent	Ref.	
Present	1.63 (1.09, 2.43)	0.0171

**Table S8.** Adjusted Odds Ratio showing mortality rates in COVID-19 positive prostate cancer patients compared to breast cancer patients.

Factors	Odds Ratio (95% CI)	p-Value
Age	1.04 (1.03, 1.06)	<0.0001
Mortality		
Absent	Ref.	
Present	2.04 (1.20, 3.46)	0.0082